

WHAT IS CLAIMED IS:

- 1 1. A cabinet light system comprising
2 a lamp connection system comprising a florescent strip lamp;
3 a male interconnector;
4 a female interconnector;
5 an enclosure channel;
6 a ballast;
7 wherein said male and female interconnectors are connected to opposite ends
8 of said enclosure channel and are electrically connected to said ballast whereby power
9 is provided to said ballast.

- 1 2. The system of claim 1, further comprising an enclosure cover wherein
2 said enclosure channel includes an integral channel formed on said enclosure channel
3 and said enclosure cover slidably attaches to said enclosure channel via said integral
4 channel.

- 1 3. The system of claim 1, wherein said enclosure channel is U shaped.

- 1 4. The system of claim 1, wherein said enclosure contains a pair of tabs
2 shaped to snap fit into at least one of said pair of openings.

- 1 5. The system of claim 1, wherein said female connector further comprises
2 a body, interconnecting contacts, and holder contacts, and said body is molded around
3 said interconnecting contacts.

- 1 6. The system of claim 1, wherein said male connector further comprises a
2 body, interconnecting contacts and holder contacts, and said body is molded around
3 said interconnecting contacts.

1 7. The system of claim 1, wherein said female connector includes an
2 interconnector portion including said interconnector contacts wherein said
3 interconnector portion is keyed to permit connection to only an input supply cord.

1 8. The system of claim 1, wherein said mail connector includes an
2 interconnector portion is keyed to permit connection to only an output load cord.

1 9. The system of claim 1, further comprising a plurality of lamp
2 interconnection systems is physically connected at a male end to a female end of at
3 least one other lamp interconnection system.

1 10. The system of claim 1, further comprising a power supply cord having a
2 male plug end and a two conductor female end, said two conductor female end being
3 an input supply cord connection.

1 11. The system of claim 2, wherein said female connector is keyed with a first
2 prong substantially square shaped and a second prong substantially circular shaped.

1 12. The system of claim 8, wherein said male connector is keyed with a first
2 prong substantially square shaped and a second prong substantially circular shaped.

1 13. The system of claim 9, further comprising an interconnect cord, said
2 interconnect cord including a male plug at a first end and a female plug at a second
3 end and wherein said female plug is an input supply cord connection and said male
4 plug is an output load cord connection.

1 14. The system of claim 13, wherein said female plug comprises contacts,
2 integral tabs, electrical connection, a jacket crimp tabs and wherein said male plug
3 comprises pins, electrical connection, and jacket crimp tabs.